



# Marielena Soilemezidi

PhD Candidate at NKUA & Research Assistant at UiO

Date of Birth: Feb. 25, 1994

Athens, GR

+30 6977468586

soilemezidi.m.e@gmail.com

Personal Webpage:  
Marielena Soilemezidi

ORCID:  
0000-0002-7936-4004

## Interests

- Psycholinguistics
- Data Science
- Natural Language Processing
- Applied Intelligence

## Skills

Programming:

R

Python

MATLAB

Version Control Tools:

Git & GitHub

Research Tools:

PsychoPy

ELAN

SPSS

ExperimentBuilder

Praat

Research Methods:

Eye-Tracking

EEG

fMRI

## Education

### Postgraduate Studies

2019 – 2024  
(ongoing)

**Ph.D. in Neurolinguistics**  
**Title:** Morphosyntactic production and processing in agrammatic aphasia.  
**Supervisors:** prof. Spyridoula Varlokosta, prof. Valantis Fyndanis, prof. Athanasios Protopapas.

NKUA, GR

2017 – 2018

**M.Sc. in Cognitive Neuroscience of Language**  
**MA Thesis:** Time processing during sentence comprehension: an eye-tracking study.  
**Supervisors:** Dr. Simona Mancini & Dr. Nicoletta Biondo  
**Grade:** 8.8/10

UPV & BCBL, ES

Aphasia

Morphosyntax

Language Disorders

Cognition

Neuroscience

Cognition

Research Methods

Bilingualism

### Undergraduate Study

2012 – 2016

**B.Sc. in Philology (specialization: Linguistics)**  
**BA Thesis:** The acquisition of verbs with non-active morphology in Greek as a native language: the case of reflexive verbs.  
**Supervisors:** prof. Spyridoula Varlokosta  
**Grade:** 10/10

NKUA, GR

Jan, 2014 – Jun, 2015

**Erasmus Exchange**  
Courses: Sociolinguistics, Grammar, Swedish courses.

LU, SE

### Other Training

Jan, 2023

**General course in meta-analysis and systematic review**  
Topics covered: literature searches, coding protocols, data extraction, and data coding, statistical analyses and reporting of meta-analyses; validity of meta-analysis

UiO, NO

12-15 Sept, 2022

**6th Summer School for Statistical Methods for Linguistics and Psychology**  
UP, DE  
Topics covered in the “Fundamentals of Frequentist Statistics” stream: simulations to compute power, multiple regressions, interpretations of mixed models results

UP, DE

30 May – 2 Jun, 2022

**Language In the Human Machine Era (LITHME) – 2nd Training School**  
U.PORTO, PT  
Member of working groups: computational linguistics & language learning and teaching

U.PORTO, PT

9-13 May, 2022

**Eye tracking: methods for psychological and educational research**  
Lectures and hands-on lab experience covering all parts of an ET experiment (from designing and conducting an ET experiment to analyzing the data)

UiO, NO

2021 – 2023

**CIVIS courses for PhD students**  
- Academic writing for International Publication (7,5 ECTS) – 2021  
- Open Science (5 ECTS) – 2021  
- Methods for Handling Text Data (7,5 ECTS) – 2023

SU, SE

## Research Experience

Mar, 2020 – Dec, 2024

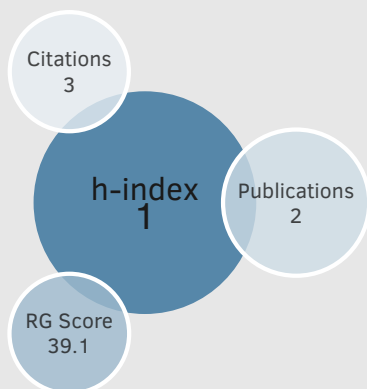
**Research Assistant**  
Experience in: a) data analysis (including data inspection, data cleaning and pre-processing, and visualizations) using R (statistical methods: generalized linear models); b) data collection for linguistic and psychological experiments (on-line/off-line); c) experiment design (e.g., building up experimental stimuli, questionnaires)

UiO, NO

## Short Bio

Marielena is an enthusiast of Open Science and FAIR data. A devotee of life-long learning, she participates in **Uio's ReproducibiliTea** meetings and she has attended several events and courses on Open Science. She is also passionate about Data Science, always excited to leverage data to uncover insights and advance knowledge in her field.

## Metrics



## Profiles



## Languages

**Greek** (Mother Tongue)

**English** (ECPE & IELTS:8, 2017)

**French** (DalF C2, 2016)

**Spanish** (Intro. course, 2017)

**Swedish** (Erasmus course, 2014)

## Personal

In her spare time, Marielena enjoys sports (running, swimming, pilates), **reading and reviewing books** on Goodreads, **sketching**, playing (poorly) the piano as well as playing (much more efficiently) DnD and other board games with her friends. She is also a member of the volunteering group **"Reading to the Others"** since 2017, enhancing access of blind and visually impaired people to printed text by narrating audiobooks.

## Teaching Experience

### Academic Teaching and Supervision

- 2021 – 2022 **BA Thesis Co-Supervisor** **NKUA, GR**  
Academic support (resources, guidance, feedback on theoretical chapters) as well as technical training (aphasic speech annotation) for the BA thesis titled "Narrative Analysis of Aphasic Speech in Greek"; main BA thesis supervisor: prof. Spyridoula Varlokosta
- Nov, 2021 **Guest Instructor** **NKUA, GR**  
Lecture on Neuroimaging Techniques used for language studies to BA students for the course "Psycholinguistics – Neurolinguistics" (Fall semester, 2021; instructor: Dr. E. Kyritsi)

### Secondary Education

- Dec, 2023 – Jun, 2024 **Secondary Education Instructor** **4th Public High School of Athens, GR**  
Greek Language Teaching as Second Language (integration class)
- Nov, 2018 – Jul, 2020 **Secondary Education Instructor** **Alimpinisis (Private Tutoring School), GR**  
Modern Greek Language Teaching to students 12 to 17, with diverse learning needs and cultural backgrounds

## Honours and Awards

- 2021 – 2024 Scholarship for doctoral studies (3rd Call for PhD Students by the Hellenic Foundation of Research & Innovation) **H.F.R.I., GR**
- 2019 – 2020 Scholarship for doctoral studies **A. G. Leventis Foundation, GR**
- 2017 – 2018 Tuition fee scholarship for the MA in Cognitive Neuroscience of Language by the Basque Center on Cognition, Brain and Language due to excellent undergraduate performance **BCBL, ES**
- 2012 – 2016 Scholarship for undergraduate studies (National and Kapodistrian University of Athens; legacy of Antonios Papadakis) **NKUA, GR**
- 2008 Honorary distinction from the Hellenic Mathematical Society for participating in the 68th contest in Mathematics **HMS, GR**

## Digital Competence

- 2023 **Carpentries Instructor** **Carpentries**  
Qualified to teach Data/Library/Software Carpentry  
- completed the Carpentries Instructor Training program  
- completed a teaching demonstration for Data Carpentry
- 2021 (ongoing) **Member of the Organizing Committee of 'Athens PyLadies'** **PyLadies**  
Main goal of the group is the creation of a community that will facilitate access to programming, primarily for individuals with a background in the Humanities. To date Athens PyLadies have organized:  
- public events promoting the integration between Humanities & STEM ("Humanities and STEM" online seminar, 20 April 2021)  
- bimonthly study groups (1st cohort: 2021; 2nd cohort: 2021-2022)
- 2021 – 2022 **Member of the R for Data Science Online Learning Community** **R4DS**  
Member of the R4DS Community, and active participant of the R for Data Science Bookclub (Cohort 6)

## References

- Ref. 1 **Prof. Spyridoula Varlokosta** **NKUA, GR**  
svarlokosta@phil.uoa.gr
- Ref. 2 **Dr. Valantis Fyndanis** **CUT, CY**  
c.fyndanis@cut.ac.cy

# Publications

## Journals

- **Soilemezidi M.**, Kubota M., Chrisikopoulou M., Fyndanis V. (under review). Independent effects of age, education, verbal working memory, motor speed of processing, locality and morphosyntactic category on verb-related morphosyntactic production: Evidence from healthy aging. *Topics in Cognitive Science*.
- Biondo N., **Soilemezidi M.**, Mancini S. 2021. Yesterday is history, tomorrow is a mystery: an eye-tracking investigation of the processing of past and future time reference during sentence reading. *Journal of Experimental Psychology Learning Memory and Cognition*. DOI: 10.1037/xlm0001053

## Conferences

### Oral Presentations

- **Soilemezidi M.**, Fyndanis V., "The role of cognitive functions and education in verb-related morphosyntactic production". *42th Annual Meeting of the Department of Linguistics of the Aristotle University of Thessaloniki (AMLG42)*. May 2022, online conference.
- Fyndanis V., **Soilemezidi M.**, Kalpakidou, T., "Impaired production of time reference in Greek aphasia: Disentangling encoding from retrieval deficits". *42th Annual Meeting of the Department of Linguistics of the Aristotle University of Thessaloniki (AMLG42)*. May 2022, online conference.

### Posters

- **Soilemezidi M.**, Varlokosta S., Kalpakidi T., Fyndanis V. "Time Reference and Aspect in Greek: Evidence from stroke-induced aphasia and healthy aging." Poster accepted for presentation at the *Science of Aphasia conference*. September 2024, Geneva.
- **Soilemezidi M.**, Kubota M., Chrisikopoulou M., Fyndanis V. "Independent effects of age, education, verbal working memory, motor speed of processing, locality and morphosyntactic category on verb-related morphosyntactic production: Evidence from healthy aging." Poster presented at the *20th International Workshop on Language Production*. June 2024, Marseille.
- Fyndanis V., Buivolova O., **Soilemezidi M.**, Kalpakidi T., Varlokosta S., Dragoy O. "Time Reference and Aspect in Greek and Russian stroke-induced aphasia". Poster presented at the *Academy of Aphasia 61st Annual Meeting*. September 2023, Reading/Hybrid.
- **Soilemezidi M.** Chrisikopoulou M., Fyndanis V. "Independent effects of age, education, verbal working memory, locality and morphosyntactic category on verb-related morphosyntactic production: Evidence from healthy aging". Poster presented at the *Architectures and Mechanisms for Language Processing conference (AMLaP)*. September 2023, San Sebastián.
- Fyndanis V., Buivolova O., **Soilemezidi M.**, Kalpakidi T., Dragoy O. "Teasing apart tense-related encoding and retrieval deficits in aphasia". Poster presented at the *Academy of Aphasia 60th Annual Meeting*. October 2022, Philadelphia/Hybrid.
- **Soilemezidi M.**, Chrisikopoulou M., Fyndanis V. "The role of cognitive functions, demographic factors, and locality in verb-related morphosyntactic production". Poster presentation at the *Science of Aphasia conference*. September 2022, Bordeaux.
- Fyndanis F., **Soilemezidi M.**, Kalpakidi, T. "Impaired production of time reference in aphasia: Disentangling encoding from retrieval deficits". Poster presentation at the *Science of Aphasia conference*. September 2022, Bordeaux.
- Biondo N., **Soilemezidi M.**, Mancini S. "Time in language: past and future are differently processed and both verbs and adverbs matter". Poster presentation at the *12th Annual Meeting of the Society for the Neurobiology of Language*. October 2020, online conference.

## Other

- Fyndanis V., Burgio F., Buivolova O., Danesin L., Gardner Q., Kalpakidi T., Scimeca M., **Soilemezidi M.**, Swathi K., Dragoy O. 2023. Teasing apart tense-related encoding and retrieval deficits in aphasia: Evidence from Greek, Russian, Italian and English. *Preprints*. 2023100178 . <https://doi.org/10.20944/preprints202310.0178.v1>
- **Soilemezidi, M.**, Gardner Q., Varlokosta S., Longva J., Fyndanis V. 2022. "NIRO SR: Preregistration protocol for the Meta-Analysis project 'Production and Comprehension of Past and Future Reference in Agrammatic Aphasia: A Systematic Review and Meta-Analysis'". Available through OSF at: <https://osf.io/axjgy/>
- **Soilemezidi M.** & Fyndanis V. 2021. Translation – Adaptation to Greek of the *Language Experience and Proficiency Questionnaire (LEAP-Q)*, by Marian, Blumenfeld, & Kaushanskaya (2007). Available at: <https://bilingualism.northwestern.edu/leapq/>